

What is claimed is:

1. A transport and storage container for liquids comprising:

a pallet-shaped support frame of metal or of an electrically conducting plastic material;

an exchangeable inner container of plastic material supported on the support frame and having four sidewalls, a bottom, and a top;

wherein the inner container further comprises an upper closable fill socket and a lower outlet socket with a tapping fixture or an upper closable tapping socket;

an outer jacket surrounding the inner container and being comprised of grade bars of metal or sheet metal;

wherein the inner container has a single-layer or multi-layer body;

wherein the inner container has integral electrically conducting sections comprised of an electrically conducting plastic material, wherein the electrically conducting sections form electrical connections between an inner surface and an outer surface of the inner container.

2. The container according to claim 1, wherein the electrically conducting sections are strips having a thickness matching a wall thickness of the inner container.

3. The container according to claim 1, wherein the electrically conducting strips have a vertical extension across at least one of the sidewalls and corner areas between the sidewalls.

4. The container according to claim 3, wherein the electrically conducting strips extend across the sidewalls and the bottom of the inner container.

5. The container according to claim 3, wherein the electrically conducting strips extend across the sidewalls, the bottom, and the top of the inner container.

6. The container according to claim 1, wherein the inner container is a single layer container made of high-density polyethylene.

7. The container according to claim 1, wherein the inner container comprises an inner layer and a permanently antistatic outer layer.

8. The container according to claim 7, wherein the inner container further comprises a central layer between the inner layer and the outer layer.

9. The container according to claim 8, wherein the inner container further comprises a barrier layer between the inner layer and the central layer, wherein the barrier layer is embedded in two bonding agent layers.

10. The container according to claim 7, wherein the inner layer and the outer layer of the inner container are comprised of high-density polyethylene, wherein new granular polyethylene is used for the inner layer and the outer layer and wherein the outer layer contains conducting carbon black.

11. The container according to claim 8, wherein the central layer is comprised of high density polyethylene wherein at least one of recycled granular or ground pure polyethylene and polyethylene containing conducting carbon black is used for the central layer.

12. The container according to claim 1, wherein the electrically conducting strips of the inner container are comprised of high-density polyethylene containing conducting carbon black.

13. A method of manufacturing an inner plastic container for a transport and storage container for liquids, comprising a pallet-shaped support frame of metal or of an electrically conducting plastic material; an exchangeable inner container of plastic material supported on the support frame and having four sidewalls, a bottom, and a top; wherein the inner container further comprises an upper closable fill socket and a lower outlet socket with a tapping fixture or an upper closable tapping socket; an outer jacket surrounding the inner container and being comprised of grade bars of metal or sheet metal; wherein the inner container has a single-layer or multi-layer body; wherein the inner container has integral electrically conducting sections comprised of an electrically conducting plastic material, wherein the electrically conducting sections form electrical connections between an inner surface and an outer surface of the inner container; the method comprising the steps of:

extruding a single layer or co-extruding a multi-layer hose-shaped blank of non-conducting base material, wherein the blank comprises strips distributed about a periphery of the blank and comprised of electrically conducting material; and

blow-molding the blank with the strips to an inner container in a blow mold.

14. A method of manufacturing an inner plastic container for a transport and storage container for liquids, comprising a pallet-shaped support frame of metal or of an electrically conducting plastic material; an exchangeable inner container of plastic material supported on the support frame and having four sidewalls, a bottom, and a top; wherein the inner container further comprises an upper closable fill socket and a lower outlet socket with a tapping fixture or an upper closable tapping socket; an outer jacket surrounding the inner container and being comprised of grade bars of metal or sheet metal; wherein the inner container has a single-layer or multi-layer body; wherein the inner container has integral electrically conducting sections comprised of an electrically conducting plastic material, wherein the electrically conducting sections form electrical connections between an inner surface and an outer surface of the inner container; the method comprising the steps of:

extruding a single layer or coextruding a multi-layer hose-shaped blank in an extruder head;

splitting the blank exiting the extruder head continuously or discontinuously at locations distributed about a periphery of the blank;

injecting into gaps, resulting from splitting, an electrically conducting plastic material for forming strips in the blank, wherein the plastic material injected into the gaps fuses homogeneously with the material of the blank; and subsequently, blow molding the blank provided with the strips to an inner container in a blow mold.